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| Title | **Carrying out knitting operations** |
| Level | **2** | **Credits** | **33** |

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| Purpose | The competency standard is designed to gain the basic knowledge and skills about carrying out different knitting operations using different types of knitting machines. The standard covers the specific occupational health and safety precautions required to be observed during the knitting operations. |

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| Classification ISCED | 0723 Textiles (clothes, footwear and leather) |

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| Available grade | Competent / Not yet competent |

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| Modification history | N/A |

| **Competency Unit** | **Performance Criteria** | **Knowledge and Understanding** |
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| B1. Communicate Operational Information to Co-workers  | *You must be able to:*P1. Maintain records and prepare production reports.P2. Document adjustments to machine and discus with appropriate person.P3. Record operational instructions on every step. P4. Pass on received information to co-workers for smooth knitting operations. | *You must know and understand:*1. General workplace practices.
2. Principles and method of communications.
3. Method of preparing production reports.
4. Factors affecting machine performance like yarn strength, sizing, ambient conditions.
5. Knitting methods and techniques.
6. Occupational health and safety precautions.
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| B2. Feed Yarn into Knitting Machine | *You must be able to:*1. Load yarn into knitting creels according to production plan.
2. Use appropriate method to perform knotting of yarn into feeders.
3. Observe occupational health and safety precautions at all times to work.
 | *You must know and understand:*1. Functions of machine parts such as cams, needles, sinkers and feeders of different types of knitting machines.
2. Technique of yarn knotting.
3. Procedure of loading yarn into knitting creels.
4. Occupational health and safety precautions involved in feeding yarn into knitting machine.
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| B3. Produce Knitted Fabric according to Work Specifications | *You must be able to:*1. Produce sample and match it with the sample provided by the client after initial check of machine by the supervisor.
2. Start production after approval from supervisor.
3. Monitor knitting machine operation to detect faults and problems during production.
4. Fix minor problems (e.g. machine and fabric related) during operations and report to appropriate person in case of major problems.
5. Use appropriate method and technique to cut roll after required weightage.
6. Inspect fabric using fabric inspection table to check minor defects in the roll.
7. Observe occupational health and safety precautions at all times to work.
8. Follow work and production schedules as communicated by the supervisor.
 | *You must know and understand:*1. Fabric quality and checking parameters.
2. Technique of fabric roll cutting.
3. Matching specifications of samples received from client with the sample produced.
4. Fabric structure.
5. Minor and major problems during production.
6. Trouble shooting of minor problems.
7. Occupational health and safety precautions required to be observed during production.
8. Quality parameters to be observed during monitoring of knitting operations.
9. Method of fabric inspection/quality checking.
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